



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

AWP, LLC
8130 NW 74 Avenue
Medley, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4100" Aluminum Sliding Glass Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-17**, titled "Series 4100 Alum. SLD. Glass Door (L.M.I.), sheets 1 through 6 of 6, dated 03/11/09 with revision "A" dated 06/10/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J Gascon
6/18/09

NOA No. 09-0324.16
Expiration Date: July 08, 2014
Approval Date: July 08, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W09-17**, titled "Series 4100 Alum. SLD. Glass Door (L.M.I.), sheets 1 through 6 of 6, dated 03/11/09 with revision "A" dated 06/10/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a Sliding Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5766**, dated 01/23/09, signed and sealed by Michael S. Wenzel, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 03/04/09, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-02/ 04

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

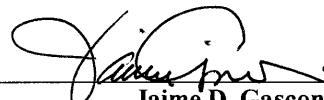
1. Notice of Acceptance No. **08-0520.08** issued to Solutia Inc. for their "**Vanceva Composites Glass Interlayer**" dated 7/17/2008, expiring on 12/11/2013.

F. STATEMENTS

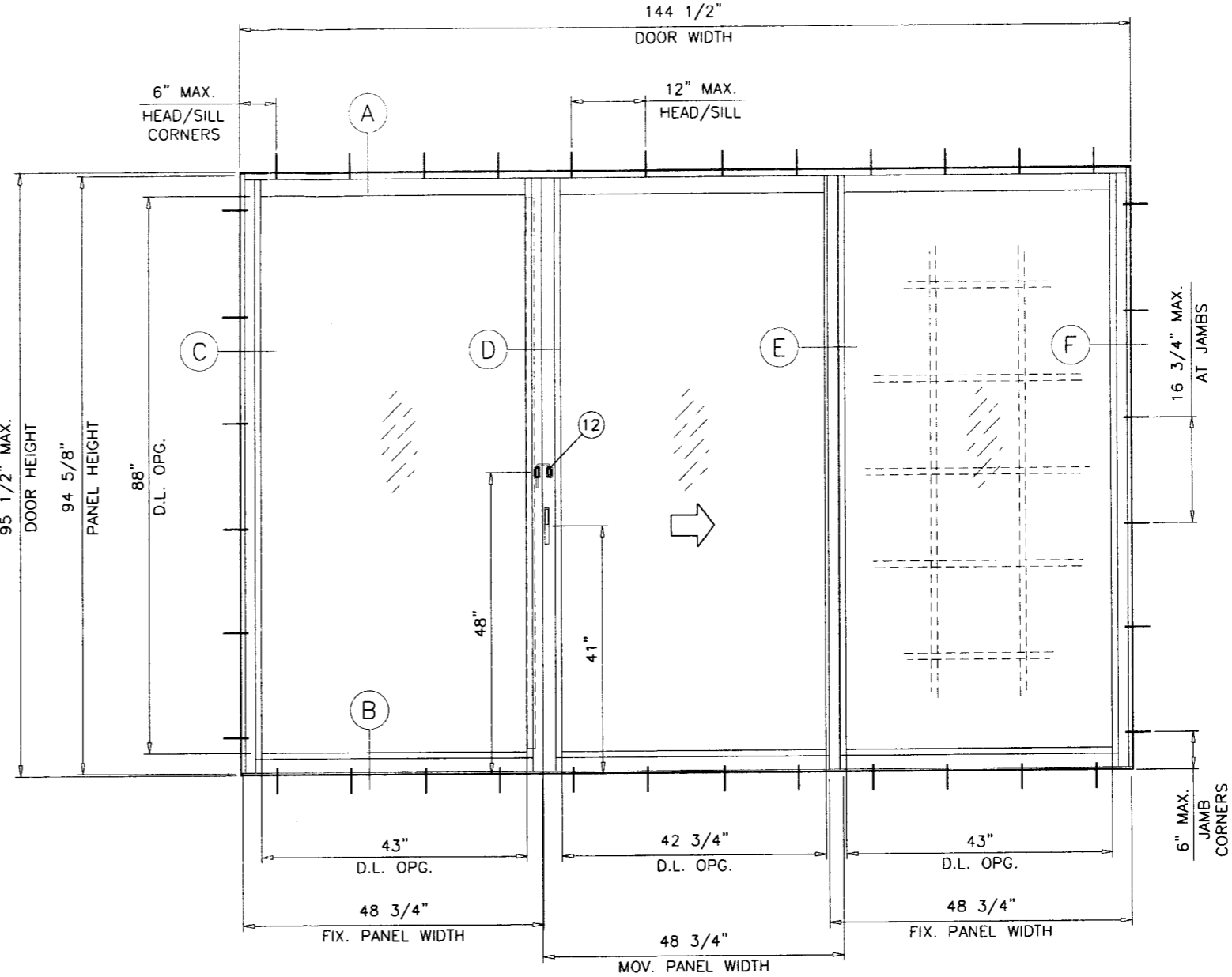
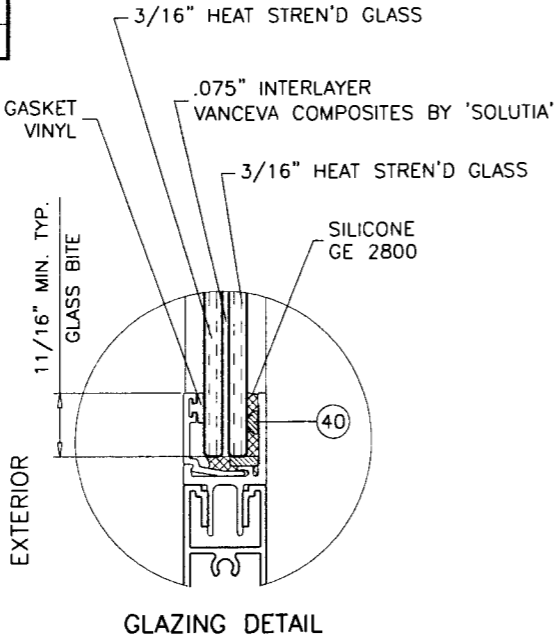
1. Statement letter of conformance, dated March 06, 2009, signed and sealed by Humayoun Farooq, P. E.
2. Statement letter of no financial interest, dated March 06, 2009, signed and sealed by Humayoun Farooq, P. E.
3. Laboratory compliance letter for Test Report No. **FTL-5766**, issued by Fenestration Testing Laboratory, Inc., dated January 23, 2009, signed and sealed by Michael S. Wenzel, P. E.

G. OTHERS

1. None.


Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-0324.16
Expiration Date: July 08, 2014
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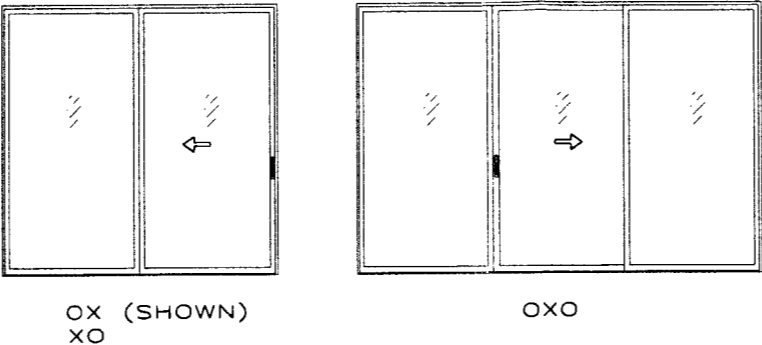
DESIGN LOAD CAPACITY - PSF				
DOOR WIDTH (OX, XO) INCHES	DOOR WIDTH (OXO) INCHES	DOOR HEIGHT INCHES	7/16" LAM. GLASS	
			EXT. (+)	INT. (-)
72	108	80	60.0	60.0
80	120		60.0	60.0
88	132		60.0	60.0
96	144		60.0	60.0
104	156		60.0	60.0
112	168		60.0	60.0
72	108	84	60.0	60.0
80	120		60.0	60.0
88	132		60.0	60.0
96	144		60.0	60.0
104	156		60.0	60.0
72	108	90	60.0	60.0
80	120		60.0	60.0
88	132		60.0	60.0
96	144		60.0	60.0
104	156		60.0	60.0
72	108	95-1/2	60.0	60.0
80	120		60.0	60.0
88	132		60.0	60.0
96	144		60.0	60.0



TYPICAL ELEVATION
TESTED UNITS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT
AND REQUIRE NO SHUTTERS.



APPROVED CONFIGURATIONS

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

JUN 17 2009

Approved as complying with the
Florida Building Code
Date July 08 2009
NOA# 09-0324.16
Miami Dade Product Control
Division
By

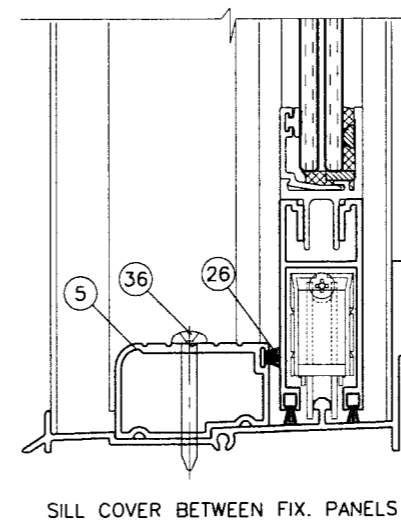
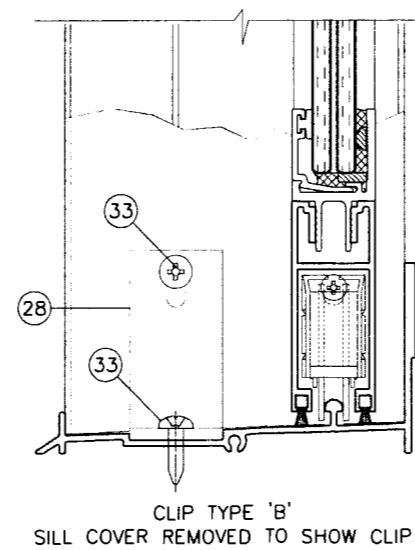
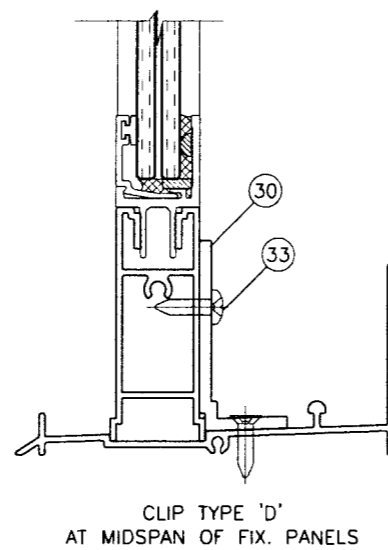
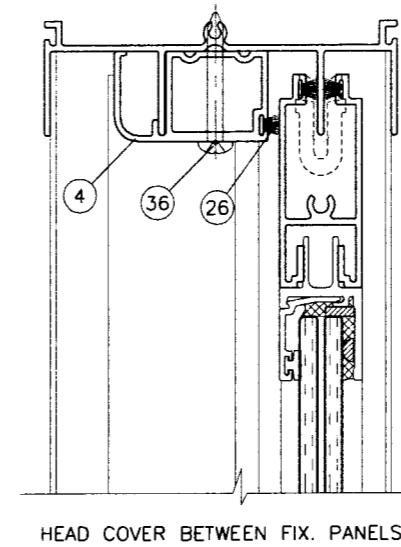
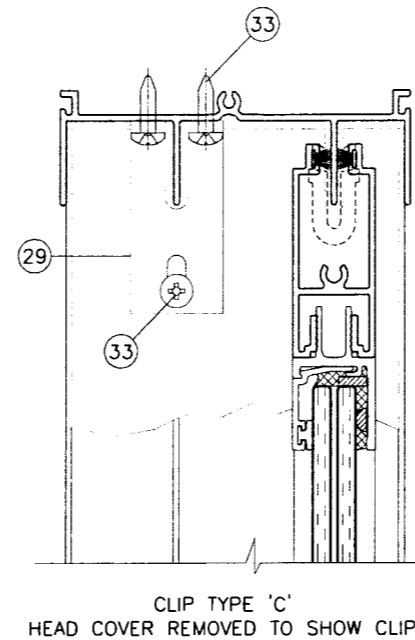
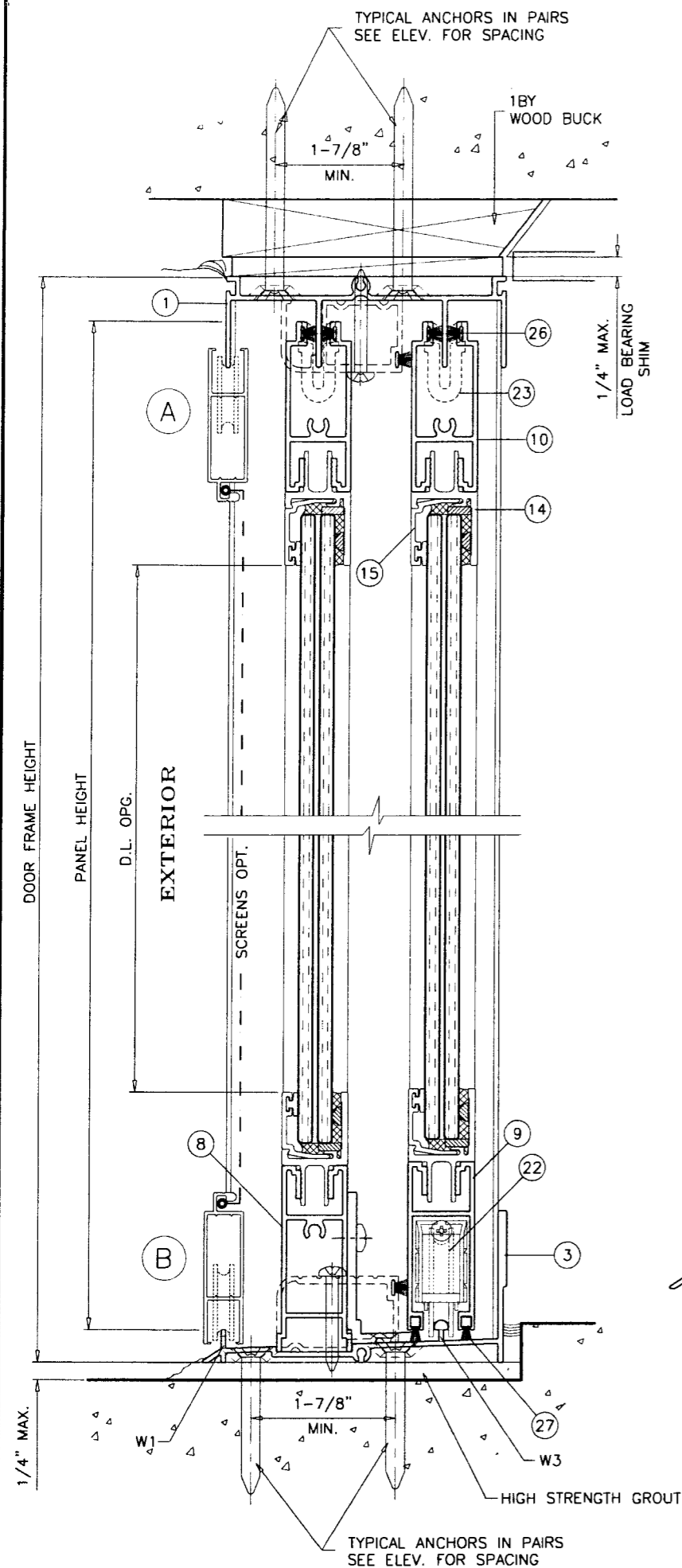
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 262-6978
FAX (305) 262-6978
COMP-ANL-W09-17AWP

SERIES 4100 ALUM SLD. GLASS DOOR (L.M.I.)
AWP, LLC.
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646
FAX (305) 883-1309

revisions:	no	date	by	description
	A	06.10.09		REV. PER BCCO COMMENTS

date: 03-11-09
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W09-17
sheet 1 of 6



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FLA. PE # 38863
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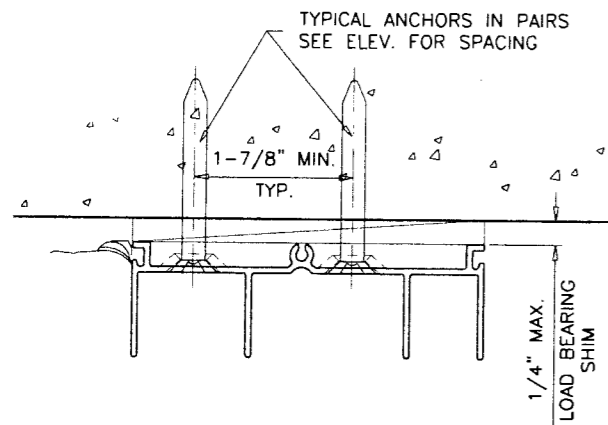
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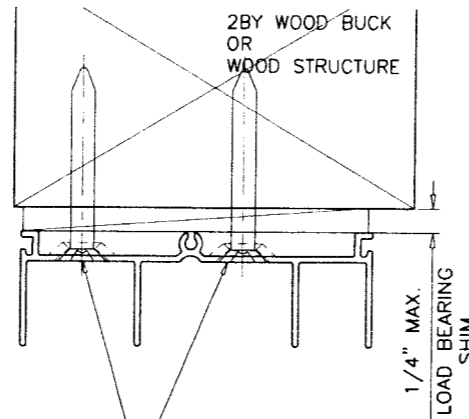
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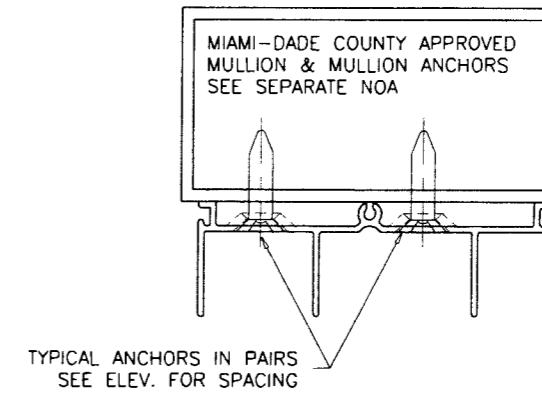
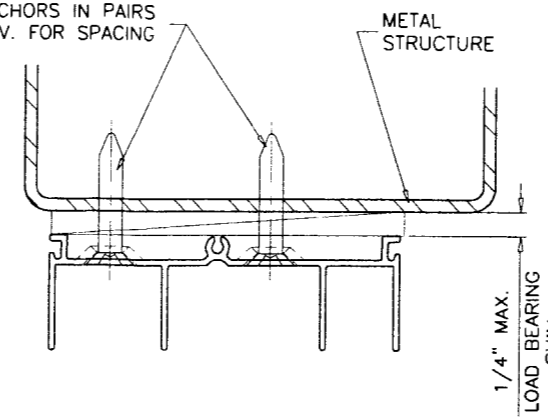
sheet 2 of 6



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING



WOOD BUCKS AND METAL STRUCTURE NOT BY AWP WDW.
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCONS BY 'ITW'

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE f'c = 3000 PSI MIN.

MASONRY f'm = 2000 PSI MIN.

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sheet 3 of 6

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT

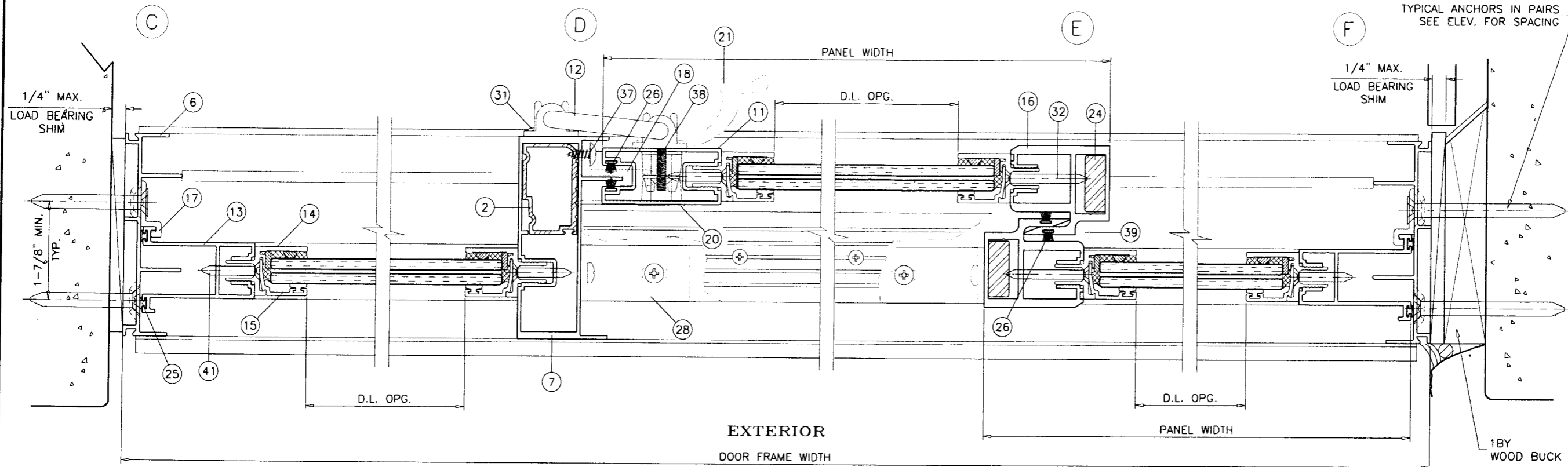
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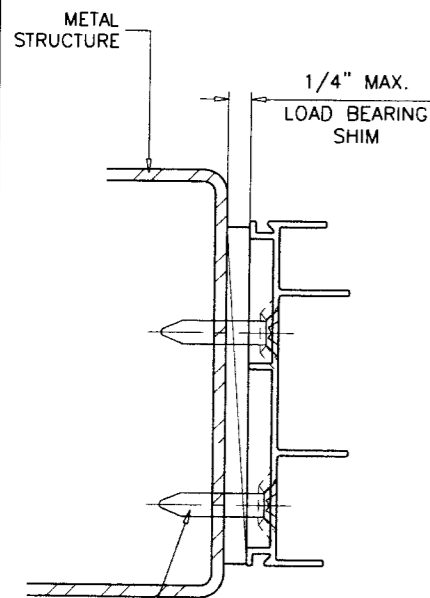


EXTERIOR
DOOR FRAME WIDTH

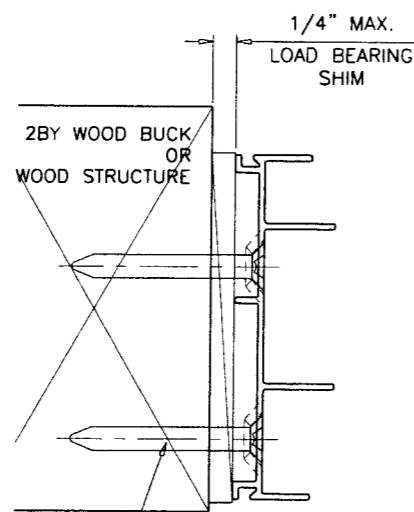
TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

1/4" MAX.
LOAD BEARING
SHIM

1BY
WOOD BUCK



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS IN PAIRS
SEE ELEV. FOR SPACING

Engr: ARSHAD VIQAR
CIVIL
FLA. P.E. # 38663
C.A.N. 3538

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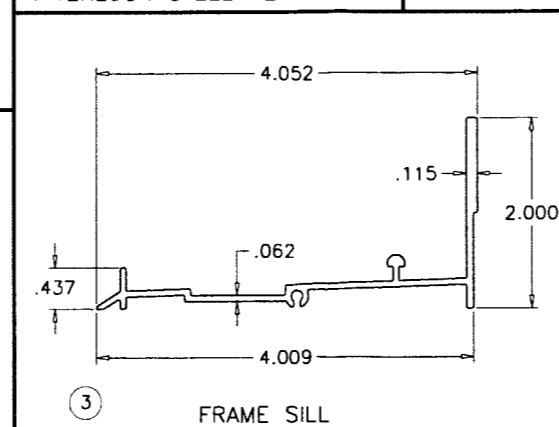
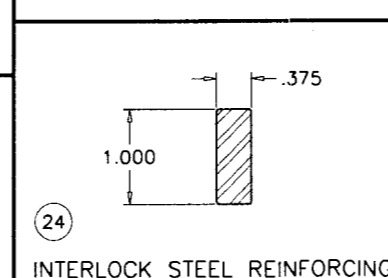
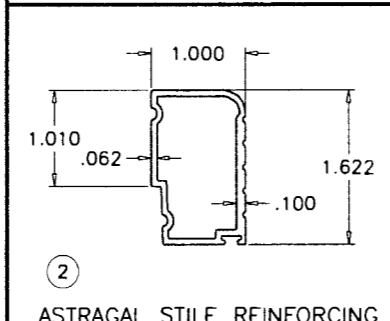
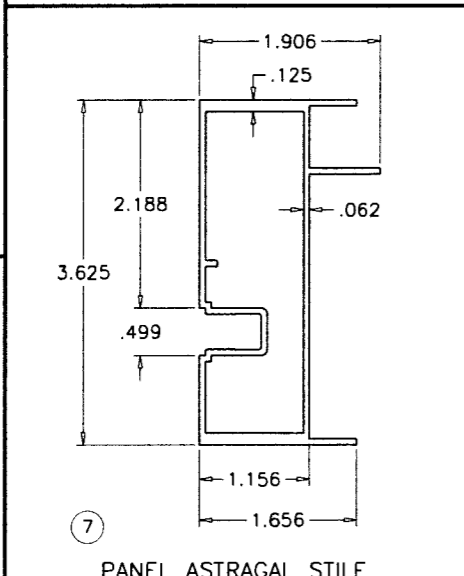
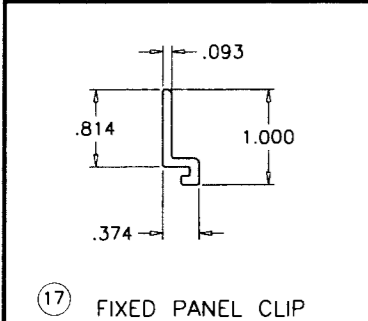
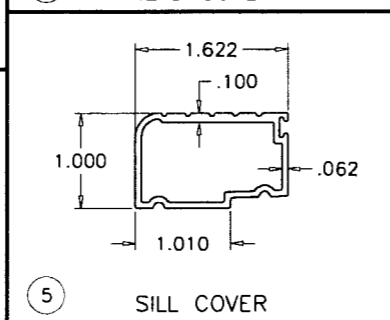
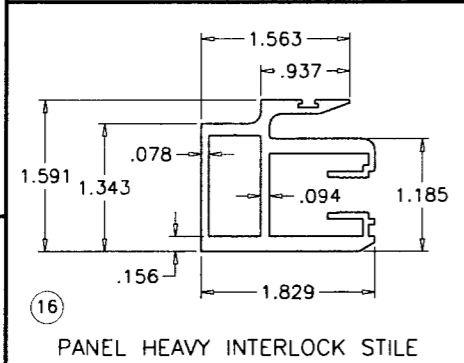
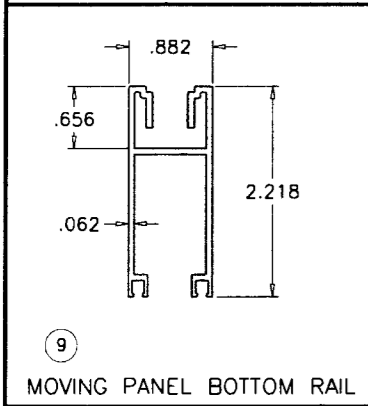
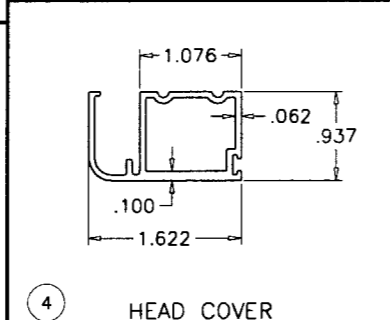
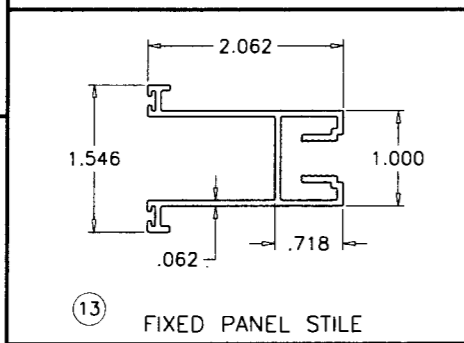
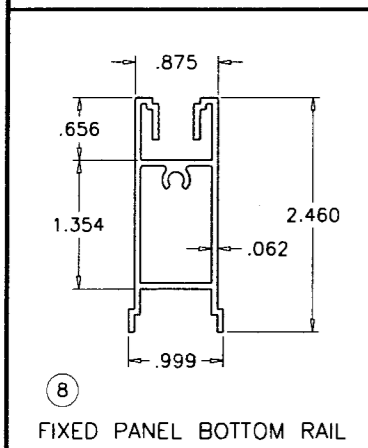
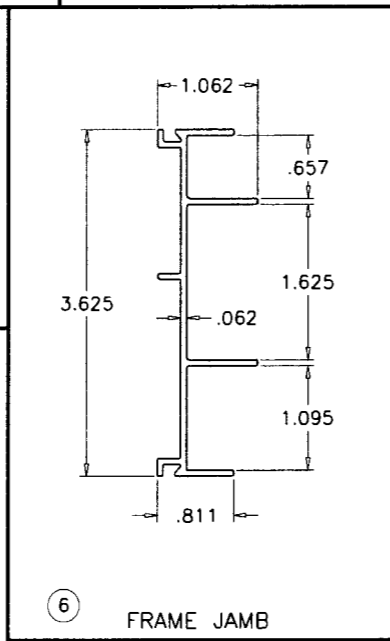
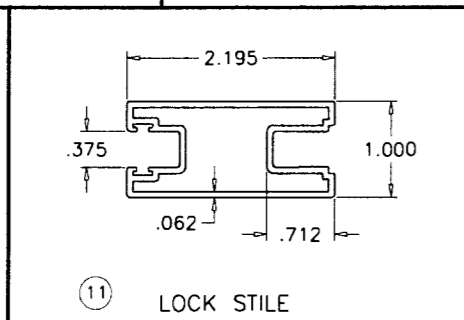
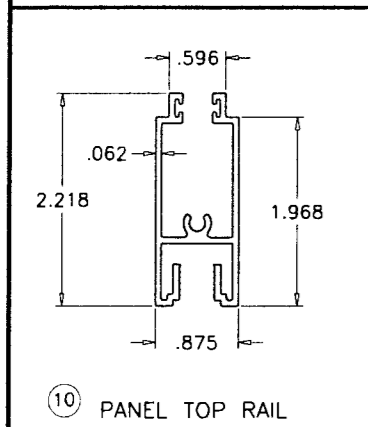
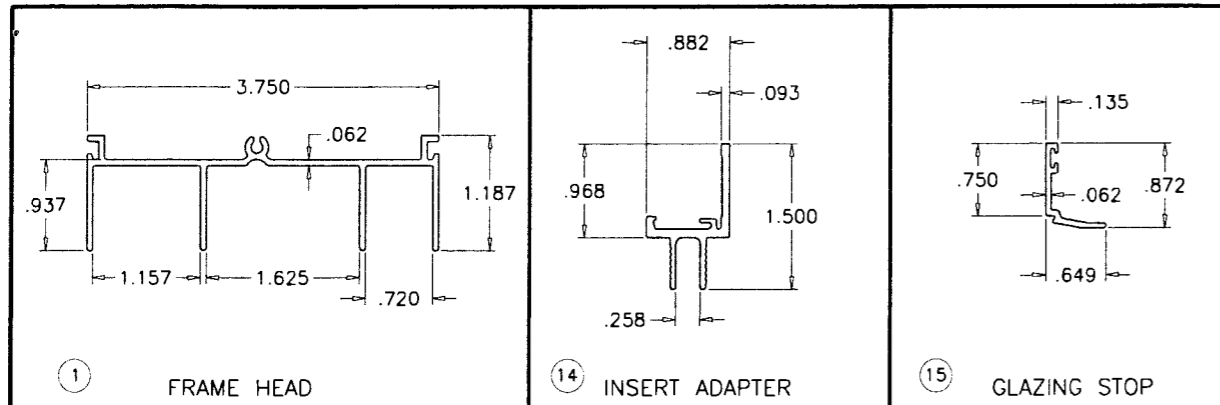
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revisions:		
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chk. by:

drawing no.
W09-17
sheet 4 of 6

COMP-ANI\W09-17AWP



Engr: ARSHAD VIQAR
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C.A.N. 3538

Aug

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NOA# 0910324.16
Miami Dade Product Control
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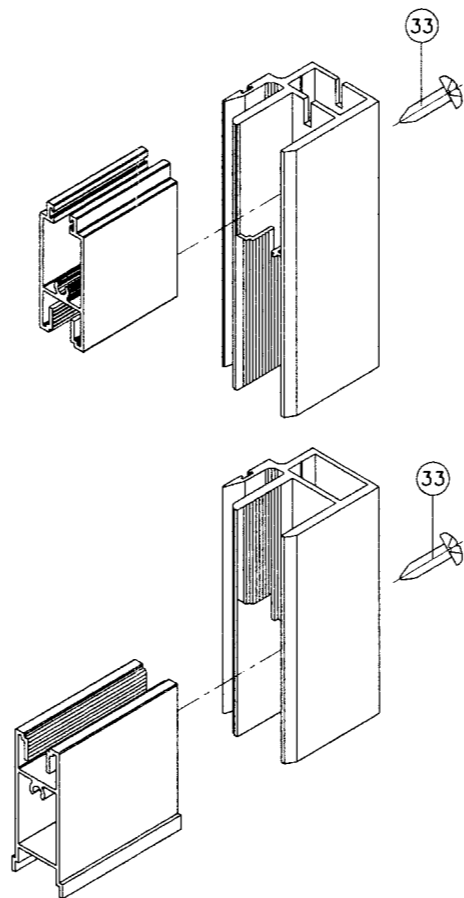
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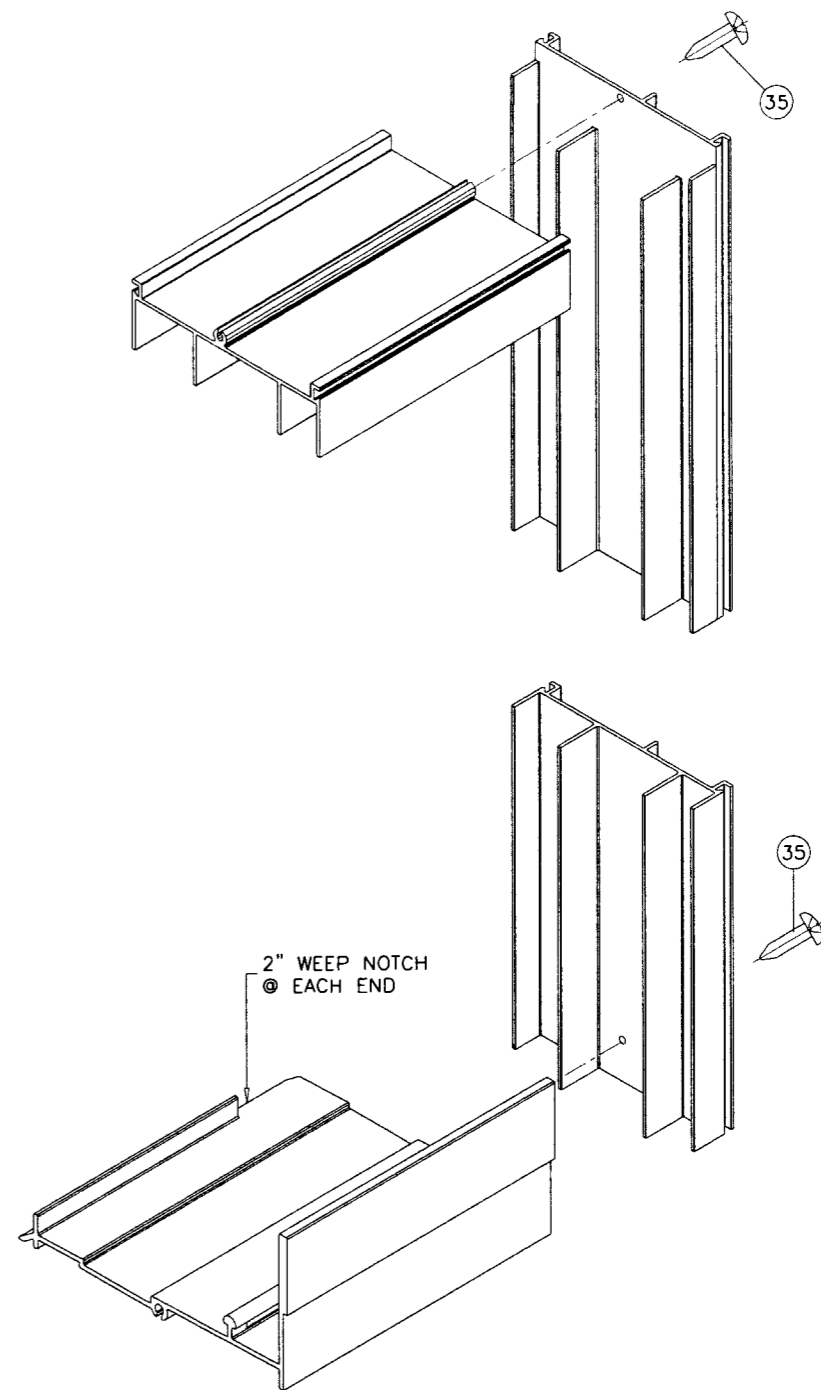
drawing no.
W09-17

sheet 5 of 6

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL
1	YE-304	1	FRAME HEAD	ALUM. (6063-T5)
2	YE-3010	1	ASTRAGAL REINF. (FULL LENGTH)	ALUM. (6063-T5)
3	YE-373	1	FRAME SILL	ALUM. (6063-T5)
4	YE-309	1	HEAD COVER	ALUM. (6063-T5)
5	YE-3010	1	SILL COVER	ALUM. (6063-T5)
6	YE-303	2	FRAME JAMB	ALUM. (6063-T5)
7	YE-344	1	PANEL HEAVY ASTRAGAL STILE	ALUM. (6063-T5)
8	YE-379	2	PANEL BOTTOM RAIL (FIXED)	ALUM. (6063-T5)
9	YE-306	1	PANEL BOTTOM RAIL (MOVING)	ALUM. (6063-T5)
10	YE-307	3	PANEL TOP RAIL (FIXED & MOVING)	ALUM. (6063-T5)
11	YE-301	1	PANEL LOCKING STILE	ALUM. (6063-T5)
12	YH-4044	1	SECURITY LOCK @ 48" FROM BOTTOM, FASTENED W/ (4) #8 X 1" PH SMS	STEEL CHROME
13	YE-302	2	PANEL FIXED END STILE	ALUM. (6063-T5)
14	YE-382	12	INSERT ADAPTER (7/16" GLASS)	ALUM. (6063-T6)
15	YE-383	12	GLAZING STOP (7/16" GLASS)	ALUM. (6063-T6)
16	YE-325	2	PANEL HEAVY INTERLOCK STILE	ALUM. (6063-T5)
17	YE-377	2	FIXED PANEL CLIP (95" LONG)	ALUM. (6063-T5)
18	YH-4003	1	KEEPER	CAST (ZAMAK)
19	YH-4016	1	EXTERIOR CONCEALED HANDLE	CAST (ZAMAK)
20	YH-4017	1	INTERIOR CONCEALED HANDLE	CAST (ZAMAK)
21	YH-4022	1	DOOR HANDLE	CAST (ZAMAK)
22	YH-3023	2	ROLLER ASSEMBLY, FASTENED W/ (1) #10-24 X 7/8" PH MS	STEEL
23	YH-4002	2	PANEL TOP SLIDE GUIDE	NYLON
24	YH-4027	2	1 x .375" x FULL LG. REINF. BAR	STEEL (A36)
25	YH-4010	AS REQ'D	BULB VINYL WEATHERSTRIP	VINYL
26	YH-4004	AS REQ'D	.187" x .250" WEATHERSTRIP	-
27	YH-6006	AS REQ'D	.115" x .500" WEATHERSTRIP	-
28	YH-4034	1	TYPE B CLIP (2 x 2 x 1 x 1/8")	ALUMINUM
29	YH-4055	1	TYPE C CLIP (2 x 2 x 1 x 1/8")	ALUMINUM
30	YH-4054	6	TYPE D CLIP (2 x 7/8 x 1/8 x 3")	ALUM. (6063-T6)
31	-	8	#8 x 3/4" PH. P.H. SMS.	CAD PLATED
32	-	AS REQ'D	#8 x 1-1/2" FH. SMS.	CAD PLATED
33	YF-2	46	#10 x 1" PH. SMS. (PANELS/CLIPS)	CAD PLATED
34	YF-17	1/WHEEL	#10-24 x 7/8" PH. MS.(WHEEL ADJ)	CAD PLATED
35	YF-10	4/FRAME	#8 x 1" PH. SMS. (FRAME ASSY.)	CAD PLATED
36	-	6	#10 x 1-1/4" P.H. SMS.	CAD PLATED
37	YF-18	2	#10 x 3/8" TRUSS HEAD SMS.	CAD PLATED
38	YF-27	2	#10-32 x 1" OVAL HEAD. SS. MS.	STAINLESS STEEL
39	YH-4013	4	PAD (INTRLK/ASTRAGAL (TOP/BOTTOM)	-
40	GB125375	AS REQ'D	GLAZING SPACER	-
41	-	AS REQ'D	#10 x 1-1/4" FH. SMS.	CAD PLATED



PANEL CORNER DETAILS



FRAME CORNER DETAIL

Engr: ARSHAD VIQAR
CIVIL
FLA. PE # 38863
C.A.N. 3538

Ar

JUN 17 2009

Approved as complying with the
Florida Building Code
Date July 08, 2009
NOA# 09-0324.16
Miami Dade Product Control
Division
By *[Signature]*

af c
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revisions:	no	date	by	description
	A	06.10.09		NO CHANGE THIS SHEET

date: 03-11-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.

W09-17

sheet 6 of 6

COMP-ANL\W09-17AWP